

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

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August 25, 2011

07-LA-5-R46.3/R50.0

07-2332A4

Project ID 0700000390

ACIM-005-3(044)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN LOS ANGELES COUNTY IN AND NEAR SANTA CLARITA FROM 0.3 MILE SOUTH OF WELDON CANYON OVERCROSSING TO 0.4 MILE SOUTH OF PICO CANYON ROAD/LYONS AVENUE OVERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Thursday, September 8, 2011.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, the Bid book, the Federal Minimum Wages with Modification Number 30 dated 08/19/2011, and the Information Handout.

Project Plan Sheets 52, 54, 55, 56, 57, 58, 253, 254, 255, 267, 275, 306, 307, 308, and 401 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

Project Plan Sheets 48A, 48B, 48C, 48D, 48E, 48F, 48G, 48H, 48I, 48J, 48K, 48L, and 54A are added. Copies of the added sheets are attached for addition to the project plans.

In the Special Provisions, Section 5-1.12, "SUPPLEMENTAL PROJECT INFORMATION," items 8 and 9 are added to the list in the table as follows:

- "8. Hazardous Waste/Waste in Soil and Groundwater Site Investigation Report, Results of Soil Sampling and Analyses, prepared by Geocon, Dated June 2011
9. California Environmental Protection Agency Department of Toxic Substance Control, Variance"

In the Special Provisions, Section 5-1.55, "AERIALY DEPOSITED LEAD," is added as attached.

In the Special Provisions, Section 10-1.32, "EARTHWORK," the following paragraphs are added after the first paragraph:

"Surplus excavated material not designated as hazardous waste due to aerially deposited lead shall become the property of the Contractor and shall be disposed of in conformance with the provisions in Section 7-1.13, "Disposal of Material Outside the Highway Right of Way," of the Standard Specifications.

Where a portion of the existing surfacing is to be removed, the outline of the area to be removed shall be cut on a neat line with a power-driven saw to a minimum depth of 0.17-foot before removing the surfacing. Full compensation for cutting the existing surfacing shall be considered as included in the contract price paid per cubic yard for roadway excavation and no additional compensation will be allowed therefor.

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Reinforcement or metal attached to reinforced concrete rubble placed in embankments shall not protrude above the grading plane. Prior to placement within 2 feet below the grading plane of embankments, reinforcement or metal shall be trimmed to no greater than 3/4 inch from the face of reinforced concrete rubble. Full compensation for trimming reinforcement or metal shall be considered as included in the contract prices paid per cubic yard for the types of excavation shown in the Engineer's estimate, or the contract prices paid for furnishing and placing imported borrow or embankment material, as the case may be, and no additional compensation will be allowed therefor."

In the Special Provisions, Section 10-1.325, "MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATIONS OF AERIALY DEPOSITED LEAD," is added as attached.

In the Special Provisions, Section 10-1.36, "HANDLING OF POTENTIALLY CONTAMINATED LEAD SOIL," is deleted.

In the Bid book, in the "Bid Item List," Items 53, 57, 65 and 66 are revised, Items 161, 162, 163, 164, 165, 166, and 167 are added and Items 54, 55 and 160 are deleted as attached.

To Bid book holders:

Replace pages 5, 6, and 10 of the "Bid Item List" in the Bid book with the attached revised pages 5, 6, 10 and 10A of the Bid Item List. The revised Bid Item List is to be used in the bid.

Attached is a copy of the following Information Handouts: "Hazardous Waste/Waste in Soil and Groundwater Site Investigation Report, Results of Soil Sampling and Analyses, prepared by Geocon, Dated June 2011," and "California Environmental Protection Agency Department of Toxic Substance Control, VARIANCE,"

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum, attachments and the modified wage rates are available for the Contractors' download on the Web site:

http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/07/07-2332A4

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,



REBECCA D. HARNAGEL
Chief, Office of Plans, Specifications & Estimates
Office Engineer
Division of Engineering Services

Attachments

5-1.155 AERIALY DEPOSITED LEAD

Aerially deposited lead is present within the project limits. Aerially deposited lead is lead deposited within unpaved areas or formerly unpaved areas, primarily due to vehicle emissions.

Attention is directed to "Material Containing Hazardous Waste Concentrations of Aerially Deposited Lead" and "Project Information" of these special provisions.

The complete site investigation reports, entitled "Hazardous Waste/Waste in Soil and Groundwater Site Investigation Report, Results of Soil Sampling and Analyses, prepared by Geocon dated June 2011," are included in the "Information Handout."

The Department has received from the California Department of Toxic Substances Control (DTSC) a Variance regarding the use of material containing aerially deposited lead. The variance applies if the project includes Type Y-1 or Y-2 material. The Variance is included in the "Material Information" Handout.

Once the Contractor has completed the placement of material containing aerially deposited lead in conformance with these special provisions and as directed by the Engineer, the Contractor shall have no responsibility for such materials. The Department will not consider the Contractor a generator of such contaminated materials.

Excavation, reuse, and disposal of material with aerially deposited lead shall be in conformance with all rules and regulations including, but not limited to, those of the following agencies:

- A. United States Department of Transportation,
- B. United States Environmental Protection Agency,
- C. California Environmental Protection Agency,
- D. California Department of Health Services,
- E. Department of Toxic Substances Control,
- F. California Division of Occupational Safety and Health Administration,
- G. Integrated Waste Management Board,
- H. Regional Water Quality Control Board, Region 04, Los Angeles,
- I. State Air Resources Control Board, and
- J. South Coast Air Quality Management District.

Materials containing hazardous levels of lead shall be transported and disposed of in conformance with Federal and State laws and regulations, as amended, and county and municipal ordinances and regulations, as amended. Laws and regulations that govern this work include, but are not limited to:

- A. Health and Safety Code, Division 20, Chapter 6.5 (California Hazardous Waste Control Act),
- B. Title 22, California Code of Regulations, Division 4.5 (Environmental Health Standards for the Management of Hazardous Waste), and
- C. Title 8, California Code of Regulations.

10-1.325 MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATIONS OF AERIALY DEPOSITED LEAD

Earthwork involving material containing aerially deposited lead shall conform to the provisions in Section 19, "Earthwork," of the Standard Specifications and these special provisions.

Attention is directed to "Aerially Deposited Lead" of these special provisions.

Type Y-1 material contains aerially deposited lead in average concentrations (using the 90 percent Upper Confidence Limit) of 1.5 mg/L or less extractable lead (based on a modified waste extraction test using deionized water as the extractant) and 1411 mg/kg or less total lead. Type Y-1 material exists as shown on the plans. This material shall be placed as shown on the plans, unless otherwise directed by the Engineer, and covered with a minimum one-foot layer of nonhazardous soil or the pavement structural section. This material is hazardous waste regulated by the State of California that may be reused as permitted under the Variance of the California Department of Toxic Substances Control (DTSC) provided that the lead contaminated soil is placed a minimum of 5 feet above the maximum water table elevation and covered with at least one foot of nonhazardous soil. Temporary surplus material may be generated on this project due to the requirements of stage construction. Temporary surplus material shall not be transported outside the State right of way. In order to conform to the requirements of these provisions it may be necessary to stockpile material for subsequent stages, to construct some embankments out of stage, or to handle temporary surplus material more than once.

Type Z-3 material contains aerially deposited lead in average concentrations (using the 95 percent Upper Confidence Limit) greater than 5.0 mg/L soluble lead, as tested using the Toxicity Characteristic Leaching Procedure. Type Z-3 material exists as shown on the plans. This material is Federally regulated hazardous waste and shall be transported to and disposed of at a Class I Disposal Site. Material excavated from these areas shall be transported by a hazardous waste transporter registered with the DTSC using the required procedures for creating a manifest for the material. The transporter of the hazardous material must have a current DTSC registration certificate and be in compliance with the CHP BIT Program.

LEAD COMPLIANCE PLAN

Submit a lead compliance plan under Section 7-1.07, "Lead Compliance Plan," of the Standard Specifications.

EXCAVATION AND TRANSPORTATION PLAN

Within 15 days after approval of the contract, the Contractor shall submit 3 copies of an Excavation and Transportation Plan to the Engineer. The Engineer will have 7 days to review the plan. If revisions are required, as determined by the Engineer, the Contractor shall revise and resubmit the plan within 7 days of receipt of the Engineer's comments. The Engineer will have 7 days to review the revisions. Upon the Engineer's approval of the plan, 3 additional copies incorporating the required changes shall be submitted to the Engineer. Minor changes to or clarifications of the initial submittal may be made and attached as amendments to the Excavation and Transportation Plan. In order to allow construction to proceed, the Engineer may conditionally approve the plan while minor revisions or amendments are being completed.

The Contractor shall prepare the written, project specific Excavation and Transportation Plan establishing the procedures the Contractor will use to comply with requirements for excavating, stockpiling, transporting, and placing (or disposing) of material containing aerially deposited lead. The plan shall conform to the regulations of the DTSC and Cal-OSHA. The sampling and analysis portions of the Excavation and Transportation Plan shall meet the requirements for the design and development of the sampling plan, statistical analysis, and reporting of test results contained in USEPA, SW 846, "Test Methods for Evaluating Solid Waste," Volume II: Field Manual Physical/Chemical, Chapter Nine, Section 9.1. The plan shall contain, but not be limited to the following elements:

- A. Excavation schedule (by location and date),
- B. Temporary locations of stockpiled material,
- C. Sampling and analysis plans for areas after removal of a stockpile,
 - 1. Location and number of samples,
 - 2. Analytical laboratory,

- D. Survey methods for Type Y-1 material burial locations,
- E. Dust control measures,
- F. Air monitoring,

- 1. Location and type of equipment,
- 2. Sampling frequency,
- 3. Analytical laboratory,

- G. Transportation equipment and routes,
- H. Method for preventing spills and tracking material onto public roads,
- I. Truck waiting and staging areas,
- J. Site for disposal of hazardous waste,
- K. Example of Bill of Lading to be carried by trucks transporting Type Y-1, material. The Bill of Lading shall contain: US DOT description including shipping name, hazard class, and ID number; handling codes; quantity of material; and volume of material. Copies of the bills of lading shall be provided to the Engineer upon placement of Type Y-1 material in its final location. Trucks carrying Type Y-1 material shall not leave the highway right of way.
- L. Spill Contingency Plan for material containing aurally deposited lead.

DUST CONTROL

Excavation, transportation, placement, and handling of material containing aurally deposited lead shall result in no visible dust migration. The Contractor shall have a water truck or tank on the job site at all times while clearing and grubbing and performing earthwork operations in work areas containing aurally deposited lead. Apply water to prevent visible dust.

STOCKPILING

Stockpiles of material containing aurally deposited lead shall not be placed where affected by surface run-on or run-off. Stockpiles shall be covered with plastic sheeting 13 mils minimum thickness or one foot of nonhazardous material. Stockpiles shall not be placed in environmentally sensitive areas. Stockpiled material shall not enter storm drains, inlets, or waters of the State.

SURVEYING TYPE Y-1 MATERIAL BURIAL LOCATIONS

Survey the location of the bottom and top perimeters of each area where you bury Type Y-1 material (burial locations). The survey must be performed by or under the direction of either:

- (1) A land surveyor licensed under Chapter 15 of the Business and Professions Code (commencing with Section 8700),
- or
- (2) A civil engineer licensed prior to January 1, 1982 under Chapter 7 of the Business and Professions Code (commencing with Section 6700).

Survey ten points to determine each burial location horizontally and vertically within the specified accuracies and to create closed polygons of the perimeters of the bottom and top of the burial location. If ten points are not sufficient to define the polygon add additional points until the polygon is defined. Establish the position of the bottom and top perimeters before placing subsequent layers of material that obstruct the location.

Report each burial location in California State Plane Coordinates in US Survey feet within the appropriate zone of the California Coordinate System of 1983 (CCS83) and in latitude and longitude. Horizontal positions shall be referenced to CCS83 (epoch 2007.00 or later NGS or CSRC published epoch) to an accuracy of 3 feet horizontally. The elevation of points identifying the burial location shall locate the bottom and top of Type Y-1 material to an accuracy of 1 foot vertically. Elevations of the bottom and top of Type Y-1 material shall be referenced to North American Vertical Datum of 1988 (NAVD88). Report accuracy of spatial data in US Survey feet under FGDC-STD-007.1-1998.

Within five business days of completing placement of Type Y-1 material at a burial location, submit a report for that burial location, including form CEM 1901 and electronic geospatial vector data shapefiles of the top and bottom perimeters of the burial location to the Engineer and to the following email address:

ADL@dot.ca.gov

The Engineer will notify you of acceptance or rejection of the burial location report within five business days of receipt. If the report is rejected, you have five business days to submit a corrected report.

MATERIAL TRANSPORTATION

Prior to traveling on public roads, loose and extraneous material shall be removed from surfaces outside the cargo areas of the transporting vehicles and the cargo shall be covered with tarpaulins or other cover, as outlined in the approved Excavation and Transportation Plan. The Contractor shall be responsible for costs due to spillage of material containing lead during transport.

The Department will not consider the Contractor a generator of the hazardous material, and the Contractor will not be obligated for further cleanup, removal, or remedial action for such material handled or disposed of in conformance with the requirements specified in these special provisions and the appropriate State and Federal laws and regulations and county and municipal ordinances and regulations regarding hazardous waste.

DISPOSAL

Materials containing aerially deposited lead shall be disposed of within California. The disposal site shall be operating under a permit issued by the appropriate California Environmental Protection Agency board or department.

The Engineer will obtain the Environmental Protection Agency Generator Identification Number for hazardous waste disposal. The Engineer will sign all hazardous waste manifests. The Contractor shall notify the Engineer 5 business days before the manifests are to be signed.

Sampling, analyzing, transporting, and disposing of material containing aerially deposited lead excavated outside the pay limits of excavation will be at the Contractor's expense.

MEASUREMENT AND PAYMENT

Quantities of roadway excavation (aerially deposited lead) and structure excavation (aerially deposited lead), of the types shown in the Engineer's Estimate, will be measured and paid for in the same manner specified for roadway excavation and structure excavation, respectively, in Section 19, "Earthwork," of the Standard Specifications.

Full compensation for preparing an approved Excavation and Transportation Plan, transporting material containing aerially deposited lead reused in the work from location to location, and transporting and disposing of material containing aerially deposited lead shall be considered as included in the contract prices paid per cubic yard for the items of roadway excavation (aerially deposited lead) and structure excavation (aerially deposited lead) of the types involved, and no additional compensation will be allowed therefor.

No payment for stockpiling of material containing aerially deposited lead will be made, unless the stockpiling is ordered by the Engineer. No payment for sampling and analysis will be made unless ordered by the Engineer. The Contractor is responsible for all additional sampling and analysis costs required by the receiving landfill.

Sampling, analyses, and reporting of results for surplus material not previously sampled will be paid for as extra work as provided in Section 4-1.03D, "Extra Work," of the Standard Specifications.

The contract lump sum price paid for ADL Burial Location Report includes full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in collecting and reporting the data as specified in these special provisions, and as directed by the Engineer.

BID ITEM LIST
07-2332A4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
41	150820	REMOVE INLET	EA	23		
42	151270	SALVAGE METAL BRIDGE RAILING	LF	388		
43	152390	RELOCATE ROADSIDE SIGN	EA	5		
44	153103	COLD PLANE ASPHALT CONCRETE PAVEMENT	SQYD	10,600		
45	153210	REMOVE CONCRETE	CY	18		
46	153221	REMOVE CONCRETE BARRIER	LF	2,060		
47	155003	CAP INLET	EA	5		
48	155007	CAP MANHOLE	EA	1		
49	157561	BRIDGE REMOVAL (PORTION), LOCATION A	LS	LUMP SUM	LUMP SUM	
50	157562	BRIDGE REMOVAL (PORTION), LOCATION B	LS	LUMP SUM	LUMP SUM	
51	160101	CLEARING AND GRUBBING	LS	LUMP SUM	LUMP SUM	
52	170101	DEVELOP WATER SUPPLY	LS	LUMP SUM	LUMP SUM	
53	190101	ROADWAY EXCAVATION	CY	77,700		
54	BLANK					
55	BLANK					
56 (F)	192003	STRUCTURE EXCAVATION (BRIDGE)	CY	1,451		
57 (F)	192037	STRUCTURE EXCAVATION (RETAINING WALL)	CY	77,152		
58 (F)	192055	STRUCTURE EXCAVATION (SOIL NAIL WALL)	CY	2,450		
59 (F)	193003	STRUCTURE BACKFILL (BRIDGE)	CY	1,130		
60 (F)	193013	STRUCTURE BACKFILL (RETAINING WALL)	CY	55,886		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
61 (F)	193028	STRUCTURE BACKFILL (SOIL NAIL WALL)	CY	139		
62 (F)	193031	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)	CY	3,605		
63	194001	DITCH EXCAVATION	CY	550		
64	197060	SOIL NAIL ASSEMBLY	LF	27,065		
65	203027	EROSION CONTROL (BONDED FIBER MATRIX) (SQFT)	SQFT	334,000		
66	203031	EROSION CONTROL (HYDROSEED) (SQFT)	SQFT	30,300		
67	260301	CLASS 3 AGGREGATE BASE	CY	28,800		
68	280000	LEAN CONCRETE BASE	CY	20,200		
69	390133	HOT MIX ASPHALT (TYPE B)	TON	5,080		
70	394060	DATA CORE	LS	LUMP SUM	LUMP SUM	
71	394074	PLACE HOT MIX ASPHALT DIKE (TYPE C)	LF	140		
72	394076	PLACE HOT MIX ASPHALT DIKE (TYPE E)	LF	140		
73	394077	PLACE HOT MIX ASPHALT DIKE (TYPE F)	LF	2,800		
74	397005	TACK COAT	TON	8		
75	401050	JOINTED PLAIN CONCRETE PAVEMENT	CY	44,100		
76	404092	SEAL PAVEMENT JOINT	LF	152,000		
77	404093	SEAL ISOLATION JOINT	LF	40,100		
78	420201	GRIND EXISTING CONCRETE PAVEMENT	SQYD	3,570		
79	490520	FURNISH STEEL PILING (HP 12 X 84)	LF	1,260		
80	490521	DRIVE STEEL PILE (HP 12 X 84)	EA	36		

BID ITEM LIST
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Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
141	839703	CONCRETE BARRIER (TYPE 60C)	LF	800		
142	839704	CONCRETE BARRIER (TYPE 60D)	LF	16,100		
143	020960	CONCRETE BARRIER (TYPE 60C MOD)	LF	2,430		
144	020961	CONCRETE BARRIER (TYPE 60VF)	LF	89		
145 (F)	839727	CONCRETE BARRIER (TYPE 736 MODIFIED)	LF	2,145		
146	020962	CONCRETE BARRIER (TYPE 736A MOD)	LF	15,200		
147	840504	4" THERMOPLASTIC TRAFFIC STRIPE	LF	78,300		
148	840506	8" THERMOPLASTIC TRAFFIC STRIPE	LF	3,310		
149	840508	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	LF	3,700		
150	840515	THERMOPLASTIC PAVEMENT MARKING	SQFT	12,200		
151	840525	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	LF	142,000		
152	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	470		
153	840600	PAINTED TRAFFIC STRIPE	LF	108,000		
154	850101	PAVEMENT MARKER (NON-REFLECTIVE)	EA	28,700		
155	850111	PAVEMENT MARKER (RETROREFLECTIVE)	EA	8,920		
156	860090	MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION	LS	LUMP SUM	LUMP SUM	
157	020963	MODIFY CLOSED CIRCUIT TELEVISION CAMERA SYSTEM	LS	LUMP SUM	LUMP SUM	
158	861088	MODIFY RAMP METERING SYSTEM	LS	LUMP SUM	LUMP SUM	
159	861504	MODIFY LIGHTING AND SIGN ILLUMINATION	LS	LUMP SUM	LUMP SUM	
160	BLANK					

BID ITEM LIST
07-2332A4

Item No.	Item Code	Item Description	Unit of Measure	Estimated Quantity	Unit Price	Item Total
161	190106	ROADWAY EXCAVATION (TYPE Z-3) (AERIALY DEPOSITED LEAD)	CY	220		
162	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	9,660		
163	190110	LEAD COMPLIANCE PLAN	LS	LUMP SUM	LUMP SUM	
164	190111	ADL BURIAL LOCATION REPORT	LS	LUMP SUM	LUMP SUM	
165	192054	STRUCTURE EXCAVATION (TYPE-Z-3) (AERIALY DEPOSITED LEAD)	CY	120		
166	192057	STRUCTURE EXCAVATION (TYPE-Y-1) (AERIALY DEPOSITED LEAD)	CY	3,830		
167	999990	MOBILIZATION	LS	LUMP SUM	LUMP SUM	

TOTAL BID:

\$ _____